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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 8

Application Number 09/955,838  
Filing Date 09/18/01  
First Named Inventor Brad A. Armstrong  
Group Art Unit  
Examiner Name  
Attorney Docket Number 19.1



Handwritten notes: #10, 10/4/02, JMS

Per FC  
Per MS

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.†	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code‡ (if known)			
KS		5200597		Eastman	4/1993	full patent
		5207426		Inoue	5/1993	" "
		5282089		Parsons	3/1994	" "
		5311729		Teruo	5/1994	" "
		5315204		Park	5/1994	" "
		5364108		Esnouf	11/1994	" "
		5363494		Lynch	11/1994	" "
		5376913		Pine	12/1994	" "
		5396235		Maeshima	3/1995	" "
		5440237		Brown	8/1995	" "
		5457478		Frank	6/1995	" "
		5640566		Victor	6/1997	" "
		5670955		Thorne	9/1997	" "
		5673237		Blank	9/1997	" "
		5675329		Barker	10/1997	" "
		5689285		Asher	11/1997	" "
		5764219		Rutledge	10/1998	" 19
		5778404		Capps	7/1998	" "
		5790102		Nassima	8/1998	" "
KS		5847305		Yoshikawa	12/1998	" "

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Office‡	Number‡	Kind Code‡ (if known)				
KS			DE3031484		Gurndig	11/1982	full document	
			DE3543890		Thomson-Brant	6/1987	full document	
			GB2113920		Alps Electric	7/1983	abstract only	
			GB2658462		Shin-Etsu Polymer	4/1981	abstract only	
			W9957630		Schneider	11/1999	abstract only	
			5-87760 Japan		Mitsumi Electric	4/1993	full document	
			JP7002159		Sega Enterprise	11/1995	full document	
			3					

Examiner Signature		Date Considered	10/10/02
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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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Sheet 2 of 8

Application Number	09/955,838
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First Named Inventor	Brad A. Armstrong
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		Number	Kind Code <sup>2</sup> (if known)			
Ez		5565891		Armstrong	10/1996	full patent
		5589828		Armstrong	12/1996	// //
		5999084		Armstrong	12/1999	// //
		6102802		Armstrong	8/2000	// //
		6135886		Armstrong	10/2000	// //
		6198473		Armstrong	3/2001	nothing sent
		6208271		Armstrong	3/2001	// //
		6222525		Armstrong	4/2001	// //
		3611068		Pujita	10/1971	full patent
		3806471		Mitchell	4/1974	// //
		3952173		Tsuji	4/1976	// //
		3988556		Hyodo	10/1976	// //
		4224602		Anderson	9/1980	// //
		4313113		Thornburg	9/1982	// //
		4315238		Eventoff	3/1982	// //
Ka		4552360		Bromley	11/1985	// //
		4673919		Kataoka	6/1987	// //
		4786895		Castaneda	11/1988	// //
		4866542		Shimada	9/1989	// //
		5164697		Kramer	11/1992	// //

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
Ez			W09532776		Namco	12/1995	abstract & drawings	only
			ep1080753		Namco	3/2001	abstract only	
			jp6154422		Namco	6/1994	abstract only	
			jp9218737		Namco	7/1997	abstract only	
			ep1080753		Namco	3/2001	abstract only	
			ep0337458		Namco	12/1989	abstract only	
			ep0337458		Namco	10/1989	duplicate of above	
			jp7281824		Namco	5/1995	abstract only	
			ep0470615		Nintendo	2/1992	full document	
			ep0579448		Texas Instruments	1/1994	full document	

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Karl Cea

Date

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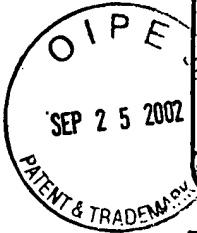
# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	09/955,838
Filing Date	09/18/01
First Named Inventor	Brad A. Armstrong
Group Art Unit	
Examiner Name	
Attorney Docket Number	19..1

Sheet 3 of 8



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		Number	Kind Code‡ (§ knows)			
		5898359		Deleo Ellis	4/1999	full patent
		5550339		GTS Corp. Hough	8/1996	" "
		5847639		Interlink Yanssen	2/1998	" "
		5867808		IBM Seiken et al.	2/1999	" "
		5287089		Parsons	2/1994	" "
		5132658		Sensym INC.	1/1992	" "
		5196782		Luntron D.A. EOD	5/1993	" "
		4975676		Speetra GREEN HALEY	1/1990	" "
		4694231		Alvite	9/1987	" "
		4615252		Asahi	10/1986	" "
		4301337		Eventoff	11/1981	" "
		4314228		Eventoff	2/1982	" "
		4315238		Eventoff	2/1982	" "
		4268815		Eventoff	5/1981	" "
		4276538		Eventoff	6/1981	" "

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## FOREIGN PATENT DOCUMENTS

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		Office‡	Number‡	Kind Code‡ (§ knows)				
			jp11031606		Teikoku	2/1999	abstract only	
			jp09223607		Teikoku	7/1997	abstract only	
			jp09213168		Teikoku	3/1997	abstract only	
			DE19606408		Contelec	8/1997	abstract only	
			GB2308448		Samsung	6/1997	full document	
			RU2010369		Smyslov	3/1994	abstract only	
			GB2267392		Collins	1/1993	full document	
			jp05151828		Yokohama	6/1993	abstract only	
			jp04155707		Yokohama	4/1992	abstract only	
			jp03108701		Canon	5/1991	abstract only	

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	4	of	8
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**Complete If Known**

Application Number	09/955,838
Filing Date	09/18/01
First Named Inventor	Brad A. Armstrong
Group Art Unit	
Examiner Name	
Attorney Docket Number	19. /

## U.S. PATENT DOCUMENTS

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Sheet	5	of	8
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Application Number	09/955,838
Filing Date	09/18/01
First Named Inventor	Brad A. Armstrong
Group Art Unit	
Examiner Name	
Attorney Docket Number	19.. 1

U.S. PATENT DOCUMENTS

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**FOREIGN PATENT DOCUMENTS**

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Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Appear	R
		Office <sup>2</sup>	Number <sup>4</sup>	Kind Code <sup>3</sup> (if known)				
1/2			GB2233499		Mitsubishi	1/1991	full document	
			DE4019211		Lutron	1/1991	full document	
			jp 02158105		Yokohama	1/1990	abstract only	
			DE3634912		Link	4/1988	abstract only	
			jp62160623		Yamatake	7/1987	abstract only	
			jp60175401		Asahi	9/1985	abstract only	

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Application Number	09/955,838
Filing Date	09/18/01
First Named Inventor	Brad A. Armstrong
Group Art Unit	
Examiner Name	
Attorney Docket Number	19.1

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner  
Initials\*

Cite  
No.<sup>1</sup>

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

T<sup>2</sup>

Vol. 20 No. 5 Oct. 1977  
S.F. KAMBIC, IBM Technical Disclosure Bulletin, full article sent

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Sheet	7	of	8
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## FOREIGN PATENT DOCUMENTS

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Signature**

John

Date	Considered
11/1/78	11/1/78
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11/5/78	11/5/78
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Sheet	8	of	8
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Application Number	09/955,838
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First Named Inventor	Brad A. Armstrong
Group Art Unit	
Examiner Name	
Attorney Docket Number	19.2

## OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

[illegible]

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